

## ABSTRACT OF THE DISCLOSURE

The color and tone of an image of an object are changed to a color and tone desired by a user. Image data including an image of an object is input to image processing means and displayed on a monitor. The user observes the image displayed on the monitor and selects an area including an image of an object having the desired color and tone, and an area including the image of an object whose color and tone are to be changed to the desired color and tone. The image processing means extracts color pixels from each respective specified area and generates cumulative histograms of the color pixels as characteristic quantitative data representing the color and tone. Based on the cumulative histograms, the color-tone of the area including the image of the latter object is changed, and processed image data whose color and tone have been changed is obtained.